

**PROCESS FOR REMOVING OXYGENATES FROM AN OLEFINIC  
STREAM**

**ABSTRACT**

The present invention provides a process for removing oxygenate impurities, e.g., dimethyl ether, from an olefinic product stream by converting the oxygenate impurity to a compound whose boiling point differs by at least about 5°C from the oxygenate impurity. Typically, the compound is more readily removable from the product stream than the oxygenate impurity.